

**Material Safety Data Sheet**  
**In according to the Regulation (CE) n. 1907/2006 REACH**  
Issue date: 21/07/2010 data Rev. Date: 21/07/2010  
Data Sheet B0883in Rev. n. 0

**1. Identification of the Product and of the Company**

<b>Product name:</b>	<b>IM. UNIT OFX 9500-9600</b>
<b>Code number:</b>	<b>B0883</b>
<b>Product description:</b>	Toner
<b>Company name:</b>	Olivetti S.p.A. Via Jervis 77 10015 Ivrea (TO) - ITALY
<b>For information:</b>	Tel. 0039 (0)125 775710 Fax 0039 (0)125 775711 e-mail : <a href="mailto:supplies@olivetti.com">supplies@olivetti.com</a>
<b>For emergency:</b>	Centro Antiveleni-Ospedale Niguarda (Milano) 0039 (0)2 66101029

**2. Hazards identification**

Classification: Not classified as dangerous in according to Directive 67/548/CEE, 1999/45/CE and 2001/60/CE and further modifications.

Other information on hazards

<b>Ingestion:</b>	Ingestion is not applicable route of entry for intended use.
<b>Inhalation:</b>	Minimal respiratory tract irritation may occur with exposure to large amount of toner dust.
<b>Eye Contact:</b>	Solid or dusts may cause irritation or scratch the surface of eye.
<b>Skin Contact:</b>	Unlikely to cause skin irritation.
<b>Environment Hazards:</b>	No data hazards known.

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### 3. **Composition/information on ingredients**

Substance [    ]                      Preparation [ X ]

Major ingredients:

Chemical name	Weight %	CAS number	EINECS number
Styrene acrylate copolymer	40-60	25767-47-9	/
Iron oxide	35-55	1309-38-2	215-169-8
Wax	0.5-5	+++	+++
Polypropylene	1-5	9003-07-0	/
Azo-chromium (trivalent) Compound	0.1-3	31714-55-3	250-774-0
Silica	0.1-3	7631-86-9	231-545-4

+++ : Supplier's confidential information

### 4. **First – aid measures**

**Ingestion:** Dilute stomach contents with several glasses of water. Get medical attention if symptoms persist.

**Inhalation:** Move person to fresh air immediately. If symptoms occur, consult a physician.

**Eye contact:** Immediately flush with large amount of clean water for a least 15 minutes. If irritation persist, consult a physician.

**Skin contact:** Wash affected areas thoroughly with soap and water, If irritation persists, consult a physician.

### 5. **Fire – fighting measures**

**Extinguishing Media:** CO<sub>2</sub>, Water, dry Chemical

**Special Fire-Fighting Procedure:** None

**Unusual Fire & Explosion Hazards:** Toner material, like most organic material in powder form, is capable of creating a dust explosion.

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## 6. Accidental release measures

**Spill and Leakage Procedure:** Wear personal protective equipment as described in Section 8. Avoid breathing dust. Minimize the release of particles. Vacuum or sweep the material into a bag or other sealed container. Dispose of waste toner in accordance with local requirements.

**Environmental precautions:** Do not discharge into drains.

## 7. Handling and storage

**Advise on safe handling and protection against fire:**

Keep material out of reach of children. Avoid inhalation of dust and contact with eye. Keep material away from excessive heat, sparks, and open flames.

**Requirements for storage rooms and advice on compatibility:**

Keep out reach of children. Keep container closed and store at room temperature. Keep away from strong oxidizers.

## 8. Exposure controls/personal protection

**Engineer Measures:** Not required. Use in a well-ventilated area.

Respiratory: Not required under intended use.

Gloves: Not required under intended use.

Skin protection: Not required under intended use.

Eyes: Not required under intended use.

**Control Parameters**

**Styrene Acrylic Polymer**

OSHA-PEL (USA): None

ACGIH-TLV (USA): None

**Wax**

OSHA-PEL (USA): None

ACGIH-TLV (USA): None

**Iron Oxide**

OSHA-PEL (USA): 10 mg/m<sup>3</sup> as Fe<sub>2</sub>O<sub>3</sub>

ACGIH-TLV (USA): 5 mg/m<sup>3</sup> as Fe

**Silica**

OSHA-PEL (USA): 20 mppcf 80/(%SiO<sub>2</sub>) mg/m<sup>3</sup>

ACGIH-TLV (USA): 10 mg/m<sup>3</sup>

**Polypropylene**

OSHA-PEL (USA): None

ACGIH-TLV (USA): None

**Azo-chromium (trivalent) compound**

OSHA-PEL (USA): none

ACGIH-TLV (USA): none

**Hygiene measures:** Wash hands after handling.

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**9. Physical and chemical properties**

<b>Appearance and odour:</b>	Fine black powder, slight plastic odour
<b>Density:</b>	1.4-1.8 g/cm <sup>3</sup>
<b>Boiling Point:</b>	Not applicable
<b>Melting Point:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable
<b>Solubility in water:</b>	Negligible
<b>Solubility in other solvent</b>	Partially soluble in toluene and THF
<b>Percent Volatile by Volume:</b>	Not applicable
<b>Flammable Limits:</b>	Not applicable
<b>Flammability:</b>	No test data available. Based in the EC labeling criteria, any components in this product are not classified as the dangerous categories of "extremely flammable", "highly flammable" and "flammable"
<b>Explosion Properties:</b>	Dust explosion is improbable under normal use. Experimental explosiveness of toner is classified into the same rank such kind of powder as flour, dry milk and resin powder according to the pressure rising speed.

**10. Stability and reactivity**

<b>Stability/Reactivity:</b>	Stable. Hazardous polymerization will not occur.
<b>Material to avoid:</b>	None.
<b>Hazardous Decomposition Products:</b>	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

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## **11. Toxicological information**

### **Acute Effects:**

- Oral: No test data available. Based on the EC labelling criteria, any components in this product are not classified as the dangerous categories of "very toxic", "toxic" and "harmful" when swallowed.
- Dermal: No test data available. Based on the EC labelling criteria, any components in this product are not classified as the dangerous categories of "very toxic", "toxic" and "harmful" when adsorbed via the skin.
- Inhalation: No test data available. Based on the EC labelling criteria, any components in this product are not classified as the dangerous categories of "very toxic", "toxic" and "harmful" when inhaled.

### **Eye contact:**

No test data available. Based on the EC labelling criteria, any components in this product are not classified as the dangerous categories of "very toxic", "toxic" and "harmful" when contacted with the ocular tissue.

### **Skin contact:**

No test data available. Based on the EC labelling criteria, any components in this product are not classified as the dangerous categories of "very toxic", "toxic" and "harmful" when contacted with the skin.

### **Sensitization:**

No test data available. Based on the EC labelling criteria, toner components do not have to be classified as the dangerous category of "sensitizing" if they penetrate the skin.

### **Chronic Toxicity:**

- Oral: No test data available. Based on the EC labelling criteria, any components in this product are not required a risk phrase R48 (danger for serious damage to health by prolonged exposure)
- Dermal: No test data available. Based on the EC labelling criteria, any components in this product are not required a risk phrase R48 (danger for serious damage to health by prolonged exposure)
- Inhalation: No test data available. In a study in rats by chronic inhalation exposure to a typical toner, a mild to moderate degree of lung fibrosis was observed in 92% of the rats in the high concentration (16 mg/m<sup>3</sup>) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4 mg/m<sup>3</sup>) exposure group. But no pulmonary change was reported in the lowest (1 mg/m<sup>3</sup>) exposure group, the most relevant level to potential human exposures. Based on the EC labelling criteria, any components in this product are not required a risk phrase R48 (danger for serious damage to health by prolonged exposure)

### **Mutagenicity:**

Ames test is Negative

### **Carcinogenicity:**

No test data available. Based on the EC labelling criteria, toner component in this product are not classified as the dangerous categories of "carcinogenic".

### **Reproductive Toxicity:**

No test data available. Based on the EC labelling criteria, toner component in this product are not classified as the dangerous categories of "toxic for reproduction".

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**12. Ecological information**

No data available for ecological and wastewater treatment (sewage) system. Avoid spills and dispose of in accordance with applicable laws and regulations

**13. Disposal considerations**

Waste material may be dumped or incinerated on condition that meets all country, state and local environmental regulations.

Recommendation: consult with the disposal agency and the relevant authorities; cleansing agent is water.

**14. Transport information**

UN Shipping name, UN Classification, UN Packing Group, Special Precautions : None

**15. Regulatory information**

Classification: Not classified as dangerous in according to Directive 67/548/CEE, 1999/45/CE and 2001/60/CE and further modifications.

**16. Other information**

This Material Safety Data Sheet was prepared in according to the Regulation (CE) n. 1907/2006 REACH. This information adds to those contained in the "Instructions of use" for same product, but does not substitute them.

The information contained herein relates only to the referred product as manufactured and put into the market, and is not valid for other combinations of same materials.

It is the user's responsibility to determine the suitability of such information for his intended use.